

MODEL	10KTLX-G5
PV String Input Data	
Max. PV access power	20 kW
Max. DC input power	13kW
Max. PV input voltage	1100V
Operation Voltage range	200V-1000V
Number of independent MPPT / strings per MPPT	2 / 1
MPPT max. current	20A/20A
AC Output/Input Data (On-grid)	
Rated output power	10kW
Max. output power	11kW
Rated output voltage	400V/320V-480V
Rated output Frequency	50Hz/60 Hz
Rated output current	14.5A
Max. output current	16A
Power factor	-0.8 +0.8 (adjustable)
THDI	<3% (Nominal Output)
Grid system pattern	3W+N+PE
Efficiency	
Max. efficiency	98.2%
Europe efficiency	98%
Protection	
Input DC switch	Yes
Input over current protection	Yes
DC reverse polarity protection	Yes
Output over voltage protection	Yes
Output over current protection	Yes
Output over current protection	Yes
Anti islanding protection	Yes
AC surge protection	Yes
DC surge protection	Yes
Insulation impedance protection	Yes
RCD detection	Yes
General Data	
Dimensions(L/W/H) in mm	403/192/360
Weight	15kg
Noise	<30dB
Operation temperature range	-25℃ - ± 60℃
Heat dissipation mode	Natural
IP Class	IP65
Maximum altitude	4000 m
Self-Consumption night	<1w
Topology	Transformerless
Features	
LED Display	Yes
Communication Interface	Yes WiFi/4G/USB/CAN/RS485
Standards	IS 16221, IEC 62109, IS 16169, IEC 62116, IEC 61683, IEC 61727, IEC 60068, IEC 61000, EN 50549, NB/T32004

* Product specifications are subject to change without prior notice for continuous improvement